

KOSMIDER, Stanislaw; ROGALA, Edmund

Quantitative changes in extracellular water in radiation disease.
Arch.immun.ter.dosw. 9 no.3:501-507 '61.

1. II Clinic of Internal Diseases, Silesian School of Medicine,
Zabrze.

(RADIATION INJURY metab) (WATER metab)

KOSMIDER, Stanislaw; ROGALA, Edmund

Disorders in the distribution of water between the extracellular space and cells in acute radiation disease. Arch. immun. ther. ex. 10 no.1: 15-20 '62.

1. II Clinic of Internal Diseases, Silesian School of Medicine, Zabrze.
(RADIATION INJURY exper) (WATER metab)

KOSMIDER, Stanislaw; ROGALA, Edmund

The influence of x-rays on experimental histamine shock. Arch.
immun. ther. exp. 11 no.1/2:235-237 '63.

1. II Clinic of Internal Diseases, Silesian School of Medicine,
Zabrze.

(HISTAMINE) (SHOCK) (RADIATION EFFECTS)

ROGALA, Edmund; KOSMIDER, Stanislaw

The thiocyanate space in histamine shock. Arch. immun. ther.
exp. 11 no. 3437-440 '63.

1. II Clinic of Internal Diseases, Silesian School of Medicine,
Zabrze.

(ANAPHYLAXIS) (HISTAMINE) (THIOCYANATES)
(METABOLISM) (BODY FLUIDS)

ROGALA, Edmund

Changes in the volume of extracellular fluid in the course of anaphylactic shock. Arch. immun. ther. exp. 12 no.3:396-401 '64.

1. Clinic of Internal and Occupational Diseases, Silesian School of Medicine, Zabrze.

JONDEKOW, Gerard; KOSALA, Edmund; KOSLICKA-SLOWKO, Helena

Investigations of the carbohydrate metabolism and ketone level in bronchial asthma. Pol. tyg. lek. 20 no.23:842-844 7 Ja '65.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej AM (Kierownik: prof. dr. med. W. Zahorski) i z Zakładu Medycyny Sądowej Śląskiej AM (Kierownik: doc. dr. med. T. Prąglowski).

ROGALA, H.; SCHMAL, M.

Contractual prefabrication in industrial plants producing concrete and reinforced-concrete sections. p. 54. (Budownictwo Przemyslowe, Vol. 5, No. 7/8, July/Aug 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

ORLIKOWSKA, Wladyslwa; ROGALA, Henryk

Experiences with cortisone therapy in the III Klinika Chorob
Wewnetrznych A.M. in Warsaw. Polskie arch.med.wewn. 30 no.6:
830-832 '60.

1. Z III Kliniki Chorob Wewnetrznych A.M. w Warszawie Kierownik:
prof. dr med. E. Kodejszko.
(CORTISONE ther)

KUCZEWSKA, Kazimiera; ROGALA, Henryk

A case of osteomalacia. Endokr. pol. 13 no.6:675-684 '62.

1. III Klinika Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr E. Kodejszko.

(OSTEOMALACIA)

ORLIKOWSKA, Wladyslawa; SERZYSKO, Wieslaw; KWIATKOWSKA, Zofia; MALINOWSKI,
Edward; ROGALA, Henryk.

Effect of oxygen saturation and blood pH on erythrocytic
carbohydrate metabolism. Pol. arch. med. wewnet. 34 no.10:
1341-1348 '64

1. Z III Kliniki Chorob Wewnetrznych Akademii Medycznej w
Warszawie (Kierownik: prof. dr. med. E. Kodejszko).

JAWOROWSKA, Hanna; ROGALA, Henryk

Aortic arch syndrome. Klin.oczna 31 no.1:11-16 '61.

1. Z Kliniki Ocznej A.M. w Warszawie Kierownik: prof. dr med.
S. Altenberger z III Kliniki Chorob Wewnętrznych A.M. w Warszawie
Kierownik: prof. dr med. E. Kodejszko.

(AORTA dis) (ARTERITIS diag) (EYE dis)

Ref Zhur

POLAND/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17926
Author : Maria Mastynska, Roman Goral and Jozef Rogala.
Inst : -
Title : The Significance of Potassium in the Preoperative and
Post-Operative Periods.
Orig Pub : Polski prezegl. chirurg., 1956, 28, No 8, 853-856
Abstract : No abstract.

Card 1/1

ROGALA, Jozef; TROSZYNSKI, Michal

Blood sodium and potassium levels in mother and fetus during pregnancy and pregnancy toxemias. Gin. polska 28 no.2:193-198 Mar-Apr 57.

1. Z Kliniki Poloznictwa i Chorob Kobietych A.M. w Poznaniu
Kierownik: prof. dr. med. I. Roszkowski i z Zakladu Chemii
Fizjologicznej A.M. w Poznaniu Kierownik: prof. dr. med.
Z. Stolzman. Adres: Dr. Michal Troszynski, Warszawa, Karowa 2.

(SODIUM, in blood
determ. in fetus & mother during pregn. & pregn.
toxemias (Pol))
(POTASSIUM, in blood
same)
(PREGNANCY TOXEMIAS, blood in
potassium & sodium, determ. in fetus & mother (Pol))
(PREGNANCY, blood in
same)
(FETUS, blood in
potassium & sodium, determ. in pregn. & pregn.
toxemias)

MASTYNSKA, Maria; GORAL, Roman; BOGALA, Jozef

Significance of potassium in pre- and postoperative therapy. Polski
przegl. chir. 28 no.8:853-856 Aug 56.

1. Z II Kliniki Chirurgicznej A.M. Poznan, Kier.: prof. dr.
R. Drews i z Zakladu Chemii Fiziologicznej A.M. Poznan, Kier.:
prof. Z. Staszmann. Poznan, ul. Hetmanska 13 m. 5.

(POTASSIUM, therapeutic use,
in postop. care (Pol))
(POSTOPERATIVE CARE,
potassium replenishment (Pol))

ROGALA, Ryszard, mjr inż.

Model studies of a spherical deflector. Gaz woda techn sanit
38 no.1:26-29 Ja '64

1. Department of Hydraulic Construction, Technical University,
Wroclaw.

ROGALA, Ryszard, mgr inz.

Model studies on the inlet of water power plants. Gosp wodna 22 no.11:
499-502 N '62.

1. Katedra Budownictwa Wodnego, Politechnika, Gdansk.

ROGALENKO, V., starshiy inzh.

Water-jet installations. Sel'. stroi. 15 no. 3:9-10 Mr '61.
(MIRA 14:5)

1. Novosibirskoye oblastnoye upravleniye sel'skogo khozyaystva.
(Novosibirsk—Water supply, Rural) (Elector pumps)

POZNYAK, L.A., kand. tekhn. nauk; ROGALEV, A.M., inzh.

Die steels and their fields of use. [Nauch. trudy] ENIKMASHa
no.9:5-14 '64. (MIRA 17:11)

ZAYTSEV, Yu.N., inzh.; ROGALEV, A.M., inzh.

Effect of conditions of electric slag welding with lamellar electrodes
on the shape and size of weld joints. Svar. proiz. no.10:18-20
O '60. (MIRA 13:9)

1. ENIKMASH.

(Electric welding)

83683

S/135/60/000/010/005/015
A006/A001

1.2300 only 2208
AUTHORS: Zaytsev, Yu. N., Rogalev, A. M., Engineers
TITLE: The Effect of the Conditions of Electroslag Welding with Plate Electrode on the Shape and Dimensions of the Weld Joint

PERIODICAL: Svaroghnoye proizvodstvo, 1960, No. 10, pp. 18-20

TEXT: The authors studied the basic characteristics determining the quality of weld joints which are: the width of the seam, the depth and coefficient of the shape of the metal pool. The experimental part of the study was carried out with the participation of engineer A. I. Shevtsov, technicians M. I. Timoshin and B. A. Orlov from ENIKAMASH. The experiments were performed with 100 mm thick 40X (40Kh) and 45 grade steel specimens. Low alloy 100 mm wide plate electrodes were used. Experimental welding was made under AH-8 (AN-8) flux on a special device designed by ENIKMASH. A TCD-2000 (TSD-2000) transformer, used as a feed source was switched over to the ENIKMASH circuit with rigid external characteristics. The width of penetration, the depth and the shape of the metal pool were determined on longitudinal macro-sections from the upper portion of the seam, where Bauman imprints were taken. For this purpose

Card 1/3

83683

S/135/60/000/010/005/015

A006/A001

The Effect of the Conditions of Electroslag Welding With Plate Electrode on the Shape and Dimensions of the Weld Joint

a lead packet with sulfurous iron was added to the welding pool during the final stage. The penetration and depth of the metal pool were measured in the center of the weld. Welding parameters varied within the following ranges: 0.45; 1.2; 1.4; 1.8; 2.1; 2.4 and 2.9 m/hour electrode feed. 7; 10; 13; 15; and 20 mm thick electrodes. 29 - 32; 32 - 36; 38 - 39 and 40 - 46 v welding voltage; 29 - 31; 30 - 33; 32 - 35; 34 - 38; 38 - 41 and 45 - 50 mm gap. The depth of the pool was maintained at 30 - 40 mm. The following results were obtained. The width of penetration increased with higher welding voltage and electrode thickness. Higher feed rate and a gap, increased to a certain limit, caused a greater width of penetration. Further increase of these parameters diminished the penetration. The depth of the metal pool increased with a higher electrode feed rate and its greater thickness; it was somewhat reduced with higher welding voltage. The coefficient of the metal pool shape increased with higher welding voltage and a greater gap; it decreased with a higher electrode feed rate and its greater thickness. The characteristics of the shape of seams made with plate and wire electrodes were compared using data by S. A. Ostrovskaya. A wider penetration and greater depth of the metal pool were characteristic of welding with plate

Card 2/3

83683

S/135/60/000/010/005/015
A006/A001

The Effect of the Conditions of Electroslag Welding With Plate Electrode on the Shape and Dimensions of the Weld Joints

electrodes as compared to wire electrode welding. However, the coefficient of the shape of the metal pool was practically equal for both electrode types when welding under conventional conditions. There are 5 figures and 1 Soviet reference.

ASSOCIATION: ENIKMASH

Card 3/3

ACC NR: AT7001903

(A)

SOURCE CODE: UR/3000/66/000/013/0074/0089

AUTHOR: Shkatov, A. P. (Engineer); Rogalev, A. M. (Engineer)

ORG: none

TITLE: Selection of die steels for hot die forming of blades from heat-resistant alloys

SOURCE: Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya. [Nauchnyye trudy], no. 13, 1966. Shtampovyye stali (Tool steels), 74-89

TOPIC TAGS: hot die forging, compressor blade, tensile strength, wear resistance, annealing / 4Kh2V5FM steel, 4Kh3V5M3F steel, 4Kh5V2FS steel

ABSTRACT: Complex-alloy, high strength, thermal-shock resistant 4Kh2V5FM (GOST 5950-63) and 4Kh3V5M3F (EP471) (ChMTU 966-63) hot die steels were tested at the ENIKMASH in hot-die forming of aircraft-engine compressor blades from EI437B [U.S. Nimonic 80A] alloy. The die insert blanks, 258 x 178 x 94 mm, were forged at 1150-950C, annealed at 700 and 870C for 2 and 3 hr, respectively, furnace cooled to 690C (4KhV25FM steel) and to 730C (4Kh3V5M3F steel), held at these temperatures for 4 hr, furnace cooled to 500C and then air cooled. Annealed insert blanks were finish machined by the electrospark method and case hardened in powdered charcoal, air quenched, and tempered. In tests, the 4Kh2V5FM steel insert sets lasted for an

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ACC NR: AT7001903

average of 810 (max. 1300) blades and the 4Kh3V5M3F inserts for 590 (max. 1070) blades, compared with 400 blades for the recently developed 4Kh5V2FS hot die steel. The experimental results showed that die inserts for hot forming blade blanks from heat-resistant alloys should be heat treated to ensure a tensile strength of not less than 1700 Mn/m^2 and high wear resistance. The optimum heat treatment for 4Kh2V5FM steel consists of air quenching from 1050—1080C followed by first annealing at 620—650C; 4Kh3V5M3F (EP471) steel should be air quenched from 1100—1130C and first annealed at 620—650C; 4Kh5V2FS steel should be air quenched from 1040—1070C and first annealed at 560—580C. The second annealing should be done at temperatures 20—30C lower than the first. Heat-treated die inserts should have an HRC hardness of 46—50. The use of the surface strengthening or nitriding for increasing the wear resistance of die inserts should be investigated. Preheating to 350—450C before work greatly reduced the danger of brittle failure of inserts made from the investigated high-alloy hot die steels. Orig. art. has: 10 figures and 3 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 010/ OTH REF: 002/

Card - 2/2

L 15262-65 EWT(m)/EWA(d)/T/EWP(t)/EWP(b) ASD(m)-3/AFETR MJW/JD/JT
 ACCESSION NR: AT4048347 S/3000/64/000/009/0005/0014 /8

AUTHOR: Poznyak, L. (Candidate of technical sciences); Rogalev, A. M. (Engineer) B

TITLE: Stamp steels and the areas of their use

SOURCE: Moscow. Eksperimental'ny'y nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya. Nauchny*ye trudy*, no. 9, 1964. Shtampovy*ye stali; sostav, svoystva, termicheskaya obrabotka (Tool steels; composition, properties and heat treatment), 5-14

TOPIC TAGS: steel hardness, steel mechanical property, stamp steel, hammer press, nickel steel/steel 5Kh3GS, steel 5KhGSVF, steel 4Kh3VMF
 18 18 18

ABSTRACT: Various steels were tested on horizontal forge presses for hardness, thermostability, and other mechanical characteristics over temperatures ranging from 20-700C in a search for steels, stable without nickel, to be used in hammer presses. Two new steels, made without nickel and designated as 5Kh3GS and 5KhGSVF, and one in which the addition of nickel was optional, 4Kh3VMF, were compared to steels previously in use in the SSSR and to some now in use in Western Europe and the United States. The results are tabulated and graphed against annealing temperature. At high temperatures these steels equalled or surpassed in hardness, resilience, and stability

Card 1/2

L 15262-65

ACCESSION NR: AT4048347

5

other steels in use in the SSSR and compared favorably with steels used in the West. Much less work has been done on steels used for cold stamping, but a group of workers under Professor Yu. A. Geller began extensive studies in 1963. For each steel tested, summarized conclusions as to specific possible uses are presented in tabular form. At present, steels used for cold stamping seem to have unsatisfactory stability at high hardness and low heat resistance. Thus, the area for expansion of research seems to be in thermal and thermochemical treatment. Steel 5Kh3GS was prepared by the Moskovskiy

by the DOI SUEVIN FIAT in Leningrad Orig: 010-000 0-0000000000

ASSOCIATION: Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-
pressovogo mashinostroyeniya, Moscow (Experimental Scientific Research Institute of
Foundry Machinery)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 010

OTHER: 000

Card 2/2

ROGALEV, Aleksandr Vladimirovich; CHEZGANOV, L., red.; POPOVICHENKO, T.,
tekhn. red.

[Put every ruble to work; persist in lowering the cost of
apartment houses] Kazhdyi rubl' - v delo; nastoichivo ude-
shevliat' zhilishchnoe stroitel'stvo. Alma-Ata, Kazakhskoe
gos. izd-vo, 1962. 62 p. (MIRA 16:10)
(Apartment houses--Cost of construction)

L 01094-67
ACC NR: AP6026334 (N) SOURCE CODE: UR/0308/66/000/005/0025/0026

AUTHOR: Rogalev, B. (Senior instructor) 3D

ORG: Far Eastern Higher Naval Engineering Academy imeni Admiral G. I. Nevel'skiy B
(Dal'nevostochnoye vyssheye inzhenernoye morskoye uchilishche)

TITLE: An installation with an adiabatic evaporator

SOURCE: Morskoy flot, no. 5, 1966, 25-26

TOPIC TAGS: adiabatic process, evaporation, water, sea water desalting, desalting equipment

ABSTRACT: The author describes a marine installation with an adiabatic evaporator designed for satisfying fresh water requirements on shipboard. The device was developed by the Scientific Research Department of the Far Eastern Higher Naval Engineering Academy as commissioned by the Far Eastern Steamship Lines. The unit has several advantages over conventional boiling surface evaporators. The installation has been stand tested and is now in operation on board the steamship "Donbass". The evaporator has an inside diameter of 1030 mm and an overall height of 1400 mm. The condenser has a surface of 7.3 m² while that of the brine heater is 5.35 m². A hydraulic lock is mounted on the heater for separating the condensate from the steam. The level regulator has overall dimensions of 287x400 mm. Operational tests under ship-

Card 1/2

UDC: 621.57.048

L 01094-67

ACC NR: AP6026334

board conditions show that the unit functions reliably without the necessity for constant watching. The quality of the steam and distillate are affected only by the level of the brine in the evaporator or by the distance from the brine level to the output section of the separation limiter. The brine head in the feedline of the evaporator is 4.5-4 m water gauge. Steam and distillate of excellent quality are produced at a brine level of 50 mm in the evaporator. Tests show that 220 tons of distillate may be produced by burning 1 ton of liquid boiler fuel. While this unit is designed for replenishing the supply of boiler water, it may be extended to production of drinking water by use of the proper materials in making the various components of the evaporator. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: None

Card 2/2 vlr

LEVADA, I.; ROGALEV, B., starshiy prepodavatel'

Evaporator of the motor ship "Orsha." Mor.flot 25 no.6:
30-31 J1 '65.

(MIRA 19±1)

1. Starshiy mekhanik teplokhoda "Orsha" (for Levada).
2. Vladivostokskoye vyssheye inzhenernoye morekhodnoye
uchilishche (for Rogalev).

KOVALENKO, V.F., kand. tekhn. nauk; LUKIN, G.Ya., kand. tekhn. nauk; ROGALEV, B.M., inzh.; MART'YANOVA, I.Ya., red.

[Water-softening equipment on seagoing ships] Vodo-
opresnitel'nye ustanovki morskikh sudov. Moskva,
Transport, 1964. 302 p. (MIRA 18:1)

L 61095-65

ACCESSION NR: AP5019171

UR/0337/65/000/007/0035/0037
639.206.5

AUTHOR: Rogalev, B.M.; Trofimenko, B.I. (Director)

TITLE: Stand tests of a hygroscopic evaporator

SOURCE: Rybnoye khozyaystvo, no. 7, 1965, 35-37

TOPIC TAGS: hygroscopic evaporator, ship desalination unit, water distillation unit,
desalination

ABSTRACT: A new hygroscopic evaporator for ships is shown in Fig. 1 of the
Enclosure. Outside water is introduced up to the level of the intake cross section of the
scavenger outlet. The evaporating water which circulates through the section is atomized
through the shower nozzle onto the heated tubes by means of the salt water

described in detail in the article contribute to a complete utilization of the available

Card 1/3

L 61905-65

ACCESSION NR: AP5019171

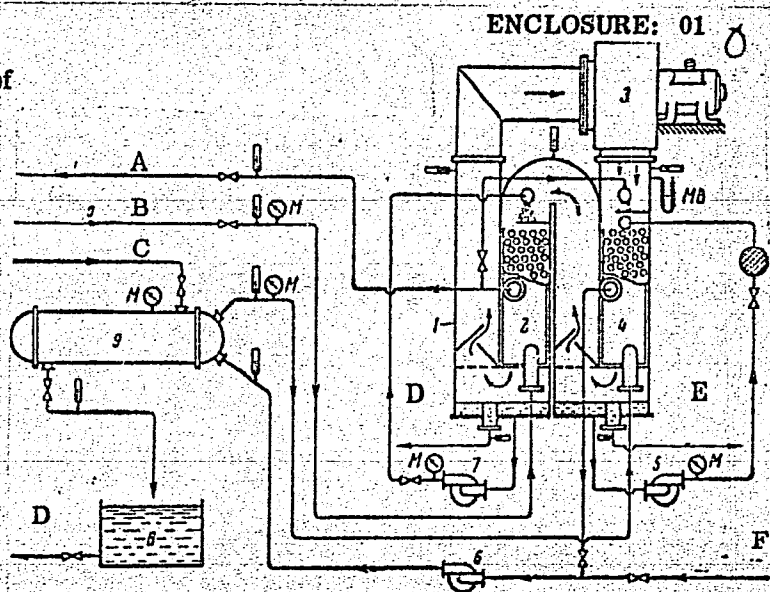
heat source and 16 metric tons of distillate can be obtained per day if the heat originates from the coolant of the internal 1000 effective horse power combustion engine. One of the observed drawbacks of the system is the insufficient separation of the humid air droplets which results in a comparatively high salinity of the distillate (18-22 mg/L of chlorine ions). Orig. art. as: 2 figures and 1 table.

ASSOCIATION: Vladivostokskoye inzhenernoye morskoye uchilishche (Vladivostok Maritime Engineering School); Sudoremontnyy zavod "Vostokrybkholodflota" ("Vostokrybkholodflota" Ship-Repair Enterprise)

L 61905-65

ACCESSION NR: AP5019171

Fig. 1. Stand arrangement of the setup with hygroscopic evaporator: 1 - evaporator; 2 - condenser section; 3 - blower; 4 - evaporator section; 5 - salt water pump; 6 - pump for the circulating heating fresh water; 7 - distillation pump; 8 - condensate collector; 9 - water heater; A - beyond the ship; B - from the pump; C - fresh vapor; D - overflow; E - scavenger; F - from the tank.



Card 3/3

LUK'YANOV, S.I., inzh.; ROGALEV, B.M., inzh.

Output and vacuum techniques in waste heat nonsurface evaporator
equipment on motorships. Biul. tekhn.-ekon. inform. Tekhn. upr.
Min. mor. flota 7 no.12:24-29 '62. (MIRA 16:11)

ISAY, V.Z.; DUBKO, A.I., mekhanik; ROGALEV, B.M., starshiy prepodavatel'

Operation of the evaporation system on the icebreaker "Sibir'."

Biul. tekhn.-ekon. inform. Tekh. upr. Min. mor. flota 7 no.8:

25-30 '62.

(MIRA 16:5)

1. Starshiy mekhanik ledokola "Sibir'" (for Isay). 2. Ledokol
"Sibir'" (for Dubko). 3. Vyssheye voyenno-inzhenernoye morskoye
uchilishche (for Rogalev).

(Ice-breaking vessels) (Boilers, Marine)

ROGALEV G.T.

ALICHKIN, S.L.; AGRINSKIY, N.I.; ANDREYEV, G.F.; BAKUMENKO, G.D.;
VORONTSOV, S.M.; VOYSTRIKOV, I.V.; GRADYUSHKO, G.M.; ZYKOV, A.V.
IVANOVTSSEV, P.V.; KINBURG, M.Ya.; KOVALEV, P.A.; KOZLOVSKIY, Ye.V.
KORNIYENKO, A.P.; KOLYAKOV, Ya.Ye.; LAKTIONOV, A.M.; LEVADNYY, B.A.
MEDVEDEV, I.D.; NOVIKOV, N.V.; ORLOV, F.M.; OSTROVSKIY, A.A.;
ORTSEV, V.P.; PENIONZHKO, A.M.; POLOZ, D.D.; PRITULIN, P.I.;
PETUKHOVSKIY, A.A.; ROGALEV, G.T.; RYBAK, P.Ya.; SUTYAGIN, G.P.
TUKOV, R.A.; KHAVCHENKO, D.F.; CHERNETSKIY, T.I.; SHPAYER, N.M.
SHUSTOVSKIY, F.A.

Nikolai Vasil'evich Spesivtsev. Veterinariia 35 no.2:96 F '58.
(MIRA 11:2)
(Spesivtsev, Nikolai Vasil'evich, 1901-1957)

ROGALEV, I. A.

Bending works in ship building Leningrad Gos. izd-vo sudostroit. lit-ry, 1953.
(Mic 55-3804)

Collation of the original, as determined from the film: 155 p.

Microfilm Slavic 381 AC

1. Ships, Iron and steel. I. Treskunov, P. I., jt. au.

ROGALEV, I.A., TRESKUNOV, P.I.; DORMIDONTOV, V.K., otvetstvennyy redaktor;
MINYAYEVA, G.A., redaktor; FRUMKIN, P.S., tekhnicheskiy redaktor

[Bending work in shipbuilding] Gibochnye raboty v sudostroenii.

[Leningrad] Gos. izd-vo sudostroit. lit-ry, 1953. 155 p.

[Microfilm]

(MLRA 7:10)

(Shipbuilding)

Rogalev, I. A.

N/5
743.4
.R7

Gibochnyye rabotty v sudostroyenii (Bending work in shipbuilding, by) I. A.
Rogalev i P. I. Treskunov (Leningrad) Sudpromgiz, 1953.
155 p. Illus., Diagr., Tables.

ROGALEV, I. A.

Gibochnye raboty v sudostroenii [Bending work in shipbuilding]. Moskva,
Sudpromgiz, 1953. 156 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

ROGALEV, I.Ye.

Effect of K, Cl, and SO_4 ions on the transpiration intensity of cultivated plants [with summary in German]. Fiziol.rast. 5 no.6:494-500 (MIRA 11:12)
N-D ' 58.

1. Nauchnyy institut po udobreniyam i insektofungisidam, Moskva.
(Plants--Transpiration) (Plants, Effect of potassium salts on)

Ca

112

The behavior of nitrogenous substances during yaroviza-
tion of plants. I. N. Kononov and L. E. Rozalev.
Compt. rend. acad. sci. U. R. S. S. 16, 65-8 (1947) (in
English).--Samples of yarovizing Ukrainka winter wheat
(seeds and green plants) and yarovizing Hordeiforme
(seeds and green plants) kept at 2° to 5° were analyzed at
42-day intervals for nitrogenous substances in the follow-
ing forms: total N (I); N of water-insol. proteins (II);
N of water-sol. proteins (III); N of the amide group (IV);
N of the amine group (V) and N of free NH₃ (VI).
During the process of yarovization I did not vary much,
II decreased considerably, III increased in proportion to
the decrease in II, and IV, V and VI changed slightly.
More of the protein decompd. into IV, V and VI at 25-26°
than at the lower temp. Qual. changes in plants during
yarovization are very closely assocd. with changes of the
protein substances.
David R. Adelson

ASB-SEA METALLURGICAL LITERATURE CLASSIFICATION

11d

24

PROCESSES AND PROPERTIES INDEX

Action of potassium on the content of bound and free water and water-retention ability of plants. I. E. Rogachev. Doklady Akad. Nauk S.S.S.R. 66, 981-4 (1949).
 Detn. of bound and free water in leaves of wheat and corn grown under 0 K. (replaced by Na), normal K, decreased K (0.1), and increased K (5 K) showed that with K deficiency bound water rises and free water declines in the course of plant growth and water-retention ability declines (expts. done over H_2SO_4); supernormal K diet gives results almost identical with normal. Water detn. was done calorimetrically by Robinson's method (C.A. 25, 5087).
 G. M. Kosolapoff

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

COMMON VARIABLE INDEX

ROGALEV, I. E.

USSR/Agriculture - Plant physiology

Card 1/1 : Pub. 22 - 39/44

Authors : Rogalev, I. E.

Title : Growth and fertility of cucumber plants in relation to the conditions of carbon and mineral feeding

Periodical : Dok. AN SSSR 97/6, 1085-1088, Aug 21, 1954

Abstract : Scientific-agricultural data are presented on the growth and fertility of cucumber plants with respect to the conditions of carbon and mineral feeding. Four USSR references (1951 and 1952). Tables; illustrations.

Institution : Scientific Institute of Fertilizers and Insectofungicides

Presented by : Academician S. I. Vol'fkovich, April 29, 1954

ROGALEV, I.YE.

✓ Changes in anatomic structure of upper organs of plants
under the influence of potassium nutrition. I. E. Rogalev

(Ya. V. Samoilov Inst. Fertilizer and Insectofungicide,
Moscow). *Fiziol. Rastenii* No. 5, 463-9(1956).—K
deficiency shows up in sunflower, corn, and beans by shorten-
ing of all anatomical elements of stem and leaf with smaller
diam. The bean plant especially represses its woody
fibrous ring of the stem. The height of the palisade cells
declines in the sunflower. Replacement of K by Na does
not produce compensating changes in cell dimensions, with
some increase of cells of the epidermis and conducting layers.
High K doses do not seem to change the anatomy of plant
organs. G. M. Kosolapoff

ROGALEV, I.Ye.

Studying new and improved potassium fertilizers and methods for
increasing the effectiveness of potassium chloride. [Trudy]
NIUIF no.164:55-57 '59. (MIRA 15:5)
(Fertilizers and manures) (Potassium salts)

ROGALEV, I. Ye.

Concentration gradient of chlorine and sulfur (S^{35}) in
plants during different developmental phases. Dokl.
AN SSSR 143 no. 2:467-470 Mr '62. (MIRA 15:3)

1. Nauchnyy institut po udobreniyam i insektofungisidam.
Predstavleno akademikom A. I. Kursanovym.
(Plants--Assimilation)
(Chlorine)
(Sulfur)

ROGALEV, I. E.

USSR, ~~Plant~~ Physiology - Mineral Nutrition.

H-3

Abs Jour : Referat Zhur - Biol. No 16. 25 Aug 1957, 68952

Author : Rogalev, I. E.
Title : Changes in Anatomical Structure of Above-Ground Plant
Organs Influenced by Potassium Nutrition.

Orig Pub : Fiziol. rasteniy, 1956, 3, No 5, 463-469

Abstract : A study was made of changes in the anatomical structure of above-ground organs of sunflower, corn and beans, which occur in potassium insufficiency. In potassium starvation the cells in all anatomical elements of the stem and plant leaf shortened in length and in diameter. In the bean stem the formation of wood-fiber ring, as well as the formation of moisture conducting vessels, is inhibited. In sunflowers the thickness of the walls of bast fibers and the thickness of the cambium zone are diminished. In the assimilative tissues of the sunflower leaf the thickness of palisade parenchyma and the spongy tissue is diminished.

Card 1/2

ROGALEV, I. Ye.

Differentiation of fibrovascular bundles and vessels of the xylem
as affected by phosphoric nutrition of plants. Dokl. AN SSSR 115
no. 6:1206-1208 Ag '57. (MIRA 11:1)

1. Nauchnyy institut po udobreniyam i insektofungitsidam. Predstav-
leno akademikom S.I. Vol'fkovichem.
(Plants cells and tissues)

STOYLOV, B.A.: POSTNOV, S.D.: BOGOSLOVSKIY, I.S.: MORCHINOV, G.V.: ROGAIYEV, I.S.: MICHKOV, V.A.:
SIDOROV, I.M.: ZUBEILOV, L.YE., KAPUSTIN, M.G.: DOVBA, A.S.

Strel'nikov, D.A.

Concerning the review by Prof. D.A. Strel'nikov, Docents B.S. Lokshin and ya. Ye. Nekrasovskiy, and Eng. V.A. Florov on Acad. D. Shevyakov's book "Fundamental theory of planning coal mines." Ugletkhiz-dat, 1952, (Ugol' No.3, 1952), Ugol'27, no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED

ROGALEV, I. Ye.

"Action of Potassium upon the Content of Combined (Bound) and Free Water in
Plants and upon the Water Retaining Ability of Plants," Dok. An, 66, No.5, 1949.
Mbr., Inst. Plant Physiology im. K.A. Timiryazev, Dept. Biol. Sci., -cl949-.

Rogalev, I. Ye.

20-6-42/48

AUTHOR: Rogalev, I. Ye.

TITLE:

On the Differentiation of Fibrovascular Bundles of Xylem Under the Influence of the Phosphoric Nutrition of Plants (O differentsiatsii sosudistovoloknistykh puchkov i sosudov ksilemy pod vliyaniem fosfornogo pitaniya rasteniy).

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 115, Nr 6, pp. 1206-1208 (USSR)

ABSTRACT:

The nucleic acids form the chief core of the metabolism of nuclein and play an essential part in the processes of tissue-differentiation. Under the conditions of a metabolism during starvation of the pea buds, which were caused by the removal of cotyledons, the proteins containing no phosphorus are consumed first of all. The phosphorus-containing nucleoproteids (Konarev) are conserved longest of all. In this connection the nuclein-compounds are comparatively most abundantly present in the vessel-forming cells and in the parenchyma near the vessels. There exists no doubt a connection between such a localization and the formation processes of the vascular system. At the same time rises the important problem concerning the influence of the phosphorus-

CARD 1/4

On the Differentiation of Fibrovascular Bundles of Xylem Under the Influence of the Phosphoric Nutrition of Plants. 20-6-42/48.

nutrition on the differentiation and on the formation of the vascular system in the course of the growth and the development of the plant. The author carried out the quantitatively-anatomical observations, mentioned in the title, in plants with a different supply of phosphorus. Test plants were: sunflower of the species "Saratovian early" in the greenhouse on sandy soil and tomatoes "bison" on sandy soil. Furthermore the kind of potato "epron" and leaves of the common turnip "Eckendorfer" from tests of other researchers were used. The nutrient mixture corresponded to that by Hellriegel, but with a different dosage of phosphorus. Microelements B, Mn and Cu were added to this. Results: A) Sunflower. From table 1 may be seen that in the case of deficient phosphorus-nutrition less fibrovascular bundles develop in the stem. The vascular lumina were narrowed. Although no proportional dependence exists between the doses of phosphorus and the increase of elements in the vascular system, the number of xylem vessels increases and the formation of the

CARD 2/4

On the Differentiation of Fibrovascular Bundles of Xylem Under the Influence of the Phosphoric Nutrition of Plants. 20-6-42/48

vascular system improves with an increase in phosphorus-doses in the nutrient medium. B) Tomatoes. From table 2 may be seen that the phosphorus-nutrition stimulates the formation of the xylem vessels and of the wood-fiber ring in the stem. Especially favorable was the dose of phosphorus with simultaneous supply of nitrogen and potash (NP_2K), in which case the highest number of vessels develops. One-sided nitrogen nutrition is not advantageous for the formation of the vascular system in the stem. The same stimulating action was also observed in potatoes and turnips. The part played by potash also manifests itself in this connection, but only in the formation of the xylem vessels. Thus the phosphorus-nutrition exerts an essential influence on the formation of the fibrovascular bundles as well as on that of xylem vessels. This is no doubt connected with the part played by phosphorus in the differentiation processes of the vascular system.

CARD 3/4

On the Differentiation of Fibrovascular Bundles of Xylem Under the Influence of the Phosphoric Nutrition of Plants 20-6-42/48

There are 4 tables and 5 Slavic references.

ASSOCIATION: Scientific Institute for Fertilizers and for Insecto-Fungicides (Nauchnyy institut po udobreniyam i insektofungisidam).

PRESENTED: By S. I. Vol'fkovich, Academician, April 8, 1957

SUBMITTED: March 29, 1957

AVAILABLE: Library of Congress

CARD 4/4

~~ROGALYEV, I. Ye.~~

ROGALEV, I. Ye.

USSR.

Growth and fruitfulness of cucumber plants, depending on the relation of carbon dioxide to mineral nutrition. I. E. Rogalev (Dokl. Akad. Nauk SSSR, 1954, 87, 1085—1088).—The mineral (N, P, K) requirements of the plants rise with increasing CO₂ content of the atm. from 0.03 to 1%. R. Trauscor.

ROGALEV, V. I.; IVANOV, N. I.; RUBAN, V. A.

Efficiency of over-all mechanization and automatic control of
the "Donetskaia" Mine of the Chistiakovantratsit Trust. Ugol'
38 no.4:46-48 Ap '63. (MIRA 16:4)

1. Zamestitel' glavnogo inzhenera shakhty "Donetskaya" tresta
Chistyakovantratsit (for Rogalev). 2. Donetskii nauchno-
issledovatel'skiy ugol'nyy institut (for Ivanov, Ruban).

(Donets Basin—Coal mining machinery)
(Automatic control)

L 33590-66 EWT(m)/T

SOURCE CODE: UR/0058/65/000/011/B036/B036

ACC NR: AR6016163

AUTHORS: Apshev, S. Zh.; Dadov, A. M.; Nakov, R. A.; Rogaleva, L. I.

TITLE: Formation of Λ , θ^0 , and Σ^+ hyperons during the course of interaction of cosmic rays with lead and carbon nuclei

SOURCE: Ref. zh. Fizika, Abs. 11B307

REF SOURCE: Uch. zap. Kabardino-Balkarsk. un-t. Ser. fiz.-matem., vyp. 22, 1964, 192-193

TOPIC TAGS: meson, hyperon, cosmic ray, strong nuclear interaction, lead carbon, Wilson cloud chamber

ABSTRACT: The authors investigated the formation of Λ and Σ^+ hyperons and of θ^0 mesons in interactions between cosmic rays and nuclei of lead and carbon. The measurements were made with the aid of a double Wilson cloud chamber, over which a generator-target of lead or carbon was placed. A table showing the yield of hyperons per 1000 nuclear interactions is presented. S. Z. [Translation of abstract]

SUB CODE: 20,04/

Card 1/1

N

USSR/Weed and Weed Control

Abstr Jour : Ref Zhur - Biol., No 9, 1958, No 39593

Author : Rogaleva R.S.

Inst : Sverdlovsk Agricultural Institute

Title : An Experiment in Couch Grass Control on Fallows

Orig Pub : Vest. s.-kh. nauki, 1957, No 1, 115-119

Abstract : Experiments were conducted at the training farm of the Sverdlovsk Agricultural Institute to study the biological peculiarities of underground organs of reproduction in couch grass in order to make the basic methods of couch grass control more accurate.

In Sverdlovskaya Oblast, couch grass tillers during the 4-5 leaf phase and the buds form young rhizomes during the entire summer. The rhizome buds of couch grass actively germinate when the sprouts are dissected and cut.

Rhizomes, which are formed during the summer, can be successfully destroyed in the summer and in the fall by causing

Card : 1/2

USSR/Weeds and Weed Control

N

Abs Jour : Raf Zhur - Biol., No 9, 1958, No 39593

a mass germination of the buds. This is achieved by deep tillage. When the rhizomes are fixed in the soil at a depth of 20 cm- they perish (both in "early sprouting stage" and in the phase when they have 1-2 real leaves. The stock of plastic substances in rhizomes increases during the 4-5 leaves phase (the beginning of tillering). This causes a better implanting of the weed. Young sprouts and growths of rhizomes of couch grass are successfully destroyed after fall plowing during pre-sowing cultivation. This is done with disk shallow plows in the fall and in the spring. In the Middle Ural, the following methods are used for destroying the couch grass: early fall shallow plowing of the sector with a gang plow at the depth where most of the rhizomes are deposited in the soil; cutting of the rhizomes in August crosswise with a disk shallow plow; frequent cutting of weed sprouts before plowing; early deep fall plowing and careful pre-sowing disking. --- I.D. Stonov.

Card : 2/2

ROGALEVA, R. S.

ROGALEVA, R. S. --"Biological Peculiarities of Creeping Spear Grass (*Agropyrum repens*) and Measures for the struggle against it on Spear-Grass-Infested Newly-Plowed Fields and Long Cultivated Lands in Sverdlovsk Oblast."
*(Dissertations For Degrees In Science And Engineering Defended At USSR, Higher Educational Institutions). (34). Min Higher Education USSR, Severo-Osetinskiy Agricultural Inst, Ordzhonikidze, 1955

SO: Knizhnaya Letopis' No. 34, 20 August 1955

* For the Degree of Candidate in Agricultural Sciences

ROGALEVICH M.

Q-2

USSR/Farm Animals - Horses.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30922

Author : Rogalevich M.

Inst :

Title :

The Improvement of the Quality of Horse Stock in the
Kolkhozes of the Northwestern and Central Regions.
(Uluchsheniye kachestva konskogo pogolov'ya v kolkhozakh
severozapadnykh i tsentral'nykh oblastey).

Orig Pub : Konevodstvo, 1957, No 8, 10-17

Abstract :

The results of the examination of about 6,000 horses in
the 78 kolkhozes of the northwestern and central regions
showed that crosses of the Soviet Heavy-Draft breed are
distinguished advantageously as to measurements, effi-
ciency and temperament from horses improved by the Trotter
breed. In order to obtain an efficient horse in the Kol-
khozes of the above-mentioned zone, it is recommended
to mate the high-blood Trotter cross-bred mares with the

Card 1/2

- 22 -

ROGALEVICH, M.I.

ROGALEVICH, M.I., kand.sel'skokhozyaystvennykh nauk, red.; BABKINA, N.G.,
red.; ZUBRILINA, Z.P., tekhn.red.

[Horse breeding] Konevodstvo. Izd.3-e. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1957. 340 p. (MIRA 11:1)
(Horses)

ROGALEVICH, M. I., ed.

Horse breeding. 2. izd. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 351 p.

ROGALEWICZ, Jaroslav

Problems of taxiplane operation. Letecky obzor 6 no.1:24-25 Ja '62.

ROGALEWSKI, O.

GEOGRAPHY: GEOLOGY

periodicals: RUCH TURYSTYCZNY No. 2, Apr./June 1958

ROGALEWSKI, O. Local people's council and tourism; an informative article. p. 115.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

ROGALEWSKI, Roman; WICINSKI, Ryszard

Differential constant current amplifier for electrobiological purposes.
Acta physiol. polon. 13 no.3:437-439 '62.

1. Z Kliniki Poloznictwa i Chorob Kobietych AM w Bialymstoku Kierownik:
prof. dr St. Soszka.

(ELECTROPHYSIOLOGY equip & supply)

ROGALIN, A.O.; KRYUKOV, G.V.

Industrial testing of equipment for sand drying in a fluidized bed.
Lit. proizv. no.8:12-14 Ag '62. (MIRA 15:11)
(Drying apparatus--Foundry sand) (Fluidization)

ROGAL'-LEVITSKIY, G.

Trench silos. Sel' stroi. 13 no.8:24-25 Ag '58. (MIRA 11:9)

1.Glavnyy inzh. proyektor instituta "Vostsibgipreshakhta."
(Siberia--Silos)

CHILIKIN, M.G.; GLAZUNOV, A.A.; STEPANOV, V.N.; TELESHEV, B.A.;
GRUDINSKIY, P.G.; VENIKOV, V.A.; MEL'NIKOV, N.A.;
ROGALI-LEVITSKIY, M.V.; ROZANOV, G.M.; GLAZUNOV, G.M.;
~~SOLDATKINA, L.A.~~; ZHUKOV, L.A.; ANISIMOVA, N.D.

Aleksandr IAKovlevich Riabkov; obituary. Elek.sta. 25 no.2:
59 F '54. (MLRA 7:2)
(Riabkov, Aleksandr IAKovlevich, 1890-1954)

CHILIKIN, M.G.; GLAZUNOV, A.A.; STEPANOV, V.N.; TELESHEV, B.A.; GRUDINSKIY,
P.G.; VENIKOV, V.A.; MEL'NIKOV, N.A.; ROGALI-LEVITSKIY, M.V.; GLAZUNOV,
A.A.; SOLDATKINA, L.A.; ZHUKOV, L.A., ANISIMOVA, N.D.

A.I.A.Riabkov. Obituary. Elektrichestvo no.3:92 Mr '54. (MLRA 7:4)
(Riabkov, Aleksandr Iakovlevich, 1890-1954)

ROGALI-LEVITSKIY, MIKHAIL VIKTOROVICH

N/5
663
.R7

Elektricheskiye Stantsii i Transformatornyye Podstantsii Zheleznodorozh-
nogo Transporta (Electric Power Plants and Transformer Substations of
Railroad Transportation, by) M. B. Rogalilevitskiy i A. Ya. Ryabkov.
Moskva, Transzheldorizdat, 1955.
639 p. Illus., Diags., Tables.
Bibliographical Footnotes.

ROGALI-LEVITSKIY, Mikhail Viktorovich; RYABKOV, Aleksandr Yakovlevich,
[deceased]; KUDRYAVTSOV, M.V., inzhener, redaktor; VERINA, G.P.
tekhnicheskii redaktor

[Electric power stations and transformer substations in railroad
transportation] Elektricheskie stantsii i transformatornye
podstantsii zheleznodorozhnogo transporta. Moskva, Gos.transp.shel.
dor. izd-vo, 1955. 639 p. (MLRA 8:10)
(Electric railroads--Substations)

ROGALI-LEVITSKIY, Mikhail Viktorovich, kand. tekhn. nauk, dots.;
STEPANOV, Vladimir Nikolayevich, prof.; TAYTS, Aleksandr
Arkad'yevich, kand. tekhn. nauk, dots.; GORCHAKOVA, O.D.,
red.

[Electric power plants and transformer substations] Elektri-
cheskie stantsii i transformatornye podstantsii. Moskva,
Transport, 1965. 367 p. (MIRA 18:8)

BOGALIN, A.O., inzh.; DANKOV, A.A., inzh.

Using machinery in crushing lumps of frozen sand. Prom.stroi. 37
no.8:52-55 Ag '59. (MIRA 12:11)
(Crushing machinery) (Sand—Cold weather conditions)

Bo *ROGALIN A.O.*
~~BRUCHOVSKIY~~, V.P., inzhener; GUDKEVICH, L.A., inzhener; ROGALIN, A.O.,
inzhener; SLOUSCHER, K.M., inzhener; PROLOV, P.M., ~~inzhener~~.

Block-type boiler with an output of 90 tons per hour. Elek.sta.
25 no.11:21-30 N '54. (MLRA 7:11)
(Steam boilers)

ROGALIN, P.D.; KRIVENKO, G.N.; NIKITINA, N.A.; KATELLO, F.A.; TAKHTAROV,
M.Kh., red.; SHCHERBAN', I.I., red.; TIMCSHEVSKAYA, A.A., tekhn.
red.

[Innovators clear the way] Dorogu prokladyvaiut novatory. Stalino,
Knizhnoe izd-vo, 1960. 138 p. (MIRA 14:10)
(Agricultural research)

~~ROGALINA~~ T.S. (Moskva).

Powerful agents for public health and the national economy. Priroda
46 no.9:115-116 3 '57. (MIRA 10:8)

(Vitamins) (Antibiotics)

75.
AUTHOR: Rogalina, T.S. 26-58-6-36/56
TITLE: **Atherosclerosis** and Embolism of the Myocardium (Ateroskleroz i infarkt myokarda)
PERIODICAL: Priroda, 1958, Nr 6, p 110-111 (USSR)
ABSTRACT: The article deals with heart diseases which were discussed during a session of Soviet physicians convened by Institut terapii Akademii meditsinskikh nauk i Otdel patologicheskoy anatomii Instituta eksperimental'noy meditsiny (Institute of Therapy of the Academy of Medical Sciences and Section of Pathological Anatomy of the Institute of Experimental Medicine). **Atherosclerosis** of the coronary vessels of the heart was the most discussed topic. Academician N.N. Anichkov pointed out that proper diet and therapy can stop **atherosclerosis** by bringing an increase of cholesterine and other lipids under control. The use of ascorbic acid also has a favorable influence, especially at an early stage of the disease. Professor M.S. Vovsi, Active Member of the AMN, SSSR, mentioned the favorable effect of Gangleron - a new drug - upon **athero-**sclerosis. This preparation, which was developed by A.L. Mndzhoyan, Active Member of the AN Armyanskoy SSR (Academy of Sciences of the Armenian SSR), relieves pain syndrome in cases where other drugs have proved inefficient. A.L. Myasnikov,

Card 1/2

Atherosclerosis and Embolism of the Myocardium

26-58-6-36/56

Card 2/2

Active Member of the AMN SSSR and head of the Institute of Therapy, said in his concluding speech that Soviet scientists should avail themselves of the great opportunities which scientific work is offered in the USSR.

1. Heart-Physiology

ROGALINA, T.S. (Moskva)

Atherosclerosis and myocardial infarction. Priroda 47 no.6:110-111
Je '58.

(MIRA 11:7)

(HEART--INFARCTION) (ARTERIOSCLEROSIS)

ROGALINA, T.S.

ROGALINA, T.S., (Moskva).

Session of the Academy of Medical Sciences of the U.S.S.R. Priroda
46 no. 6:102 Je '57. (MLRA 10.7)

(MEDICAL RESEARCH)

ROGALINA, T.S.

Indoor cultivation of the regal lily. Priroda 42 no.9:122 S '53.

(MLR 6:8)
(Lilies)

TRYUO, R. [Truhaut, R.], prof.; ROGALINA, T.S. [translator]

Chemical admixtures in food and the danger of cancer. Priroda
52 no.9:32-35 '63. (MIRA 16:11)

1. Institut im. Gustava Russi, Parizh.

ROGALINA, T.S., Moskva.

A gull in Chistyoe Prudy. Priroda 45 no.11:113 N '56. (MLRA 9:11)
(Moscow--Gulls)

ROGALINA, T.S. (Moskva)

Landscaping around plants and factories. Priroda 49 no.10:46-50 0
'60. (MIRA 13:10)

(Landscape architecture)

(Factories)

ROGALINSKI, K.

✓
Notes
Investigations on the content of natural oils in fir bark.
K. Rogaliński and Z. Filipek. *Przemysł Spożywczy* 6,
303-7(1952)(English summary).—Fir bark, when not dried,
contains 0.1-1.2% (on dry basis), natural oils, depending
on the location, season, age, etc. Moldy bark which is of
no value to the tanning industry can still be used for the pro-
duction of natural oils (0.3-0.9%). A no. of practical indi-
cations are specified.
W. Szymbalski

2

ROGALINSKI, Kamil; MILER, Zygmunt; WIERZBOWSKI, Jerzy

Skillfulness and disposition of the forest worker as affecting the labor productivity in pine tree felling with the Partner R-11 individual saw. Roczniki wyz szkola rol Poznan 14 295-313 '63.

1. Department of Forest Utilization, College of Agriculture, Poznan.

ROGALINSKI, Kamil; MILER, Zygmunt; KUBIS, Alfons

Cutting down and felling oak trees by using the Pilana MP-50 motor saw as seen under the correlation coefficient. Roczniki wyz szkola rol Poznan 14 119-142 '63.

Labor productivity in cutting down and felling oak trees by using hand saws and the Pilana MP-50 motor saw. Ibid.:143-171.

Time structure in pruning oak trees depending on the diameter of the trunk and the branches of the trees. Ibid.:315-335.

1. Department of Forest Utilization, College of Agriculture, Poznan.

KUBIAK, Marian; ROGALINSKI, Kamil; MICHALAK, Jerzy

Changes in the physical and mechanical properties of poplar wood (*Populus marilandica* Bosc.) under the influence of *Poria vaporaria* (Pers/Fr.) fungus. Sylwan 106 no.3:25-39 '62.

BYROCH, G.M.; SALIN, A.A.; ZINOV'YEV, A.F.; PELIPCHUK, N.A.; KOCHERGIN, A.L.;
TULENKOV, I.P.; SHARAPOV, S.F.; VOLKOVA, V.S.; ROGALIS, Yu.P.;
VLASOV, V.A.

Directions for the technical improvement of the electrolysis
of zinc. TSvet. met. 38 no.5:22-25 My '65.

(MIRA 18:6)

WICHER, Konrad; ROGALCWA, Danuta

Studies on acquired resistance of *Treponema pallidum*. Med.dow.
mikrob. 12 no.4:383-388 '60.

1. Z Zakladu Mikrobiologii Sl. A.M. w Zabrsu-Rokitnicy p.o.
Kierownika Zakladu dr K.Wicher.
(SYPHILIS exper)

ROGALSKA-CHRZANOWSKA, Ewa
MIKULOWSKI, Włodzimierz; ~~ROGALSKA-CHRZANOWSKA, Ewa~~

Pseudoleukemic reaction of the bone marrow in brucellosis in a 5-year-old child. Polski tygod. lek. 11 no.45:1919-1921 5 Nov 56.

1. (Z Kliniki Chorob Dzieci A.M. w Krakowie; Kierownik: prof. dr. Tadeusz Giza; z Oddziału Obserwacyjnego; Ordynator: prof. dr. Włodzimierz Mikulowski) Adres: Krakow, Biskupia 8.

(BRUCELLOSIS, in infant and child,

pseudoleukemic reaction of bone marrow (Pol))

(LEUKEMIA, differential diagnosis,

brucellosis in child, pseudoleukemic reaction of bone marrow (Pol))

(BONE MARROW, in various diseases,

brucellosis in child, pseudoleukemic reaction)

ROGAL'-LEVITSKIY, G.A., inzh.; TOKAREV, A.P., inzh.

Standard designs of boiler systems. Prom. energ. 20 no.2:45-46
'65. (MIRA 18:4)

Rogal' Levitskiy, S.
ROGAL'-LEVITSKIY, S., inzh.

Mechanized loading and unloading of feed in small silo towers.
Sel'.stoi. 12 no.9:12-13 S '57. (MIRA 10:10)
(Silos) (Loading and unloading)

ROGALSKA, Maria

Results of spore and pollen research on the Lias of the Gorzow
Wielkopolski borehole. Kwartalnik geol 5 no.4:939 '61.

1. Zaklad Stratygrafii, Instytut Geologiczny, Warszawa.

ROGALSKA, MARIA.

Analiza sporowo-pylkowa liasowych osadow obszaru Mroczkow-Rozwady w powiecie opocznym. Spore and pollen analysis of the Liassic deposits of the Mroczkow-Rozwady area in the Opoczno District
(Wyd. I/ Warszawa, Wydawn. Geologiczne, 1956 (Warsaw. Panstwowy Instytut Geologiczny. Biuletyn, 104) /English and Russian summaries.
1st ed. illus.. bibl., footnotes, tables/

SOURCE: East European Occasion List (EEAL) , Library of Congress,
Vol. 6, No. 1 January 1957

ROGALSKA, Zofia

Density of solid methane at -196° . Acta physica Pol 27
no.2:347-350 F '65.

1. Institute of Nuclear Physics, Krakow. Submitted November
30, 1964.